**IN THE SPECIFICATION:**

Page 1, lines 1 and 2, delete "PROCESS FOR SYNCHRONIZATION IN A COMMUNICATION NETWORK AND APPARATUSES FOR IMPLEMENTATION THEREOF" and insert --METHOD FOR SYNCHRONISATION IN A COMMUNICATION NETWORK AND IMPLEMENTING APPLIANCES--.

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (AMENDED) [Process] Method for synchronization in a communication network comprising at least two buses interconnected by a wireless communication network, each bus being linked to the wireless communication network by a portal, the [said process being characterized in that it comprises] method comprising the steps of:

- [of] determining a so-called cycle server portal whose own clock will serve as reference for the other portals;

- [of] transmitting, via each portal, a synchronization signal at a predetermined instant with respect to the start of a frame and characteristic of each portal, the [said] frame being defined with respect to each portal's own internal clock, the [said] synchronization signal being achieved via the insertion of a control window; and

- [of] detecting, via each portal, the control windows of other portals and [of] selecting one of the detected windows for the synchronization of the receiver portal's own clock with the clock of the cycle server portal, the [said] selected window corresponding to a portal whose clock is already synchronized with that of the cycle server portal.

2. (AMENDED) [Process] Method according to Claim 1, [characterized in that] wherein a control window comprises at least a part of a value of the clock of the transmitter portal of the [said] control window, the [said] value being that of the clock at the moment of transmission of the [said] control window, the [said] value transmitted being used by the receiver portal to update the value of its own clock.

3. (AMENDED) [Process] Method according to Claim 2, [characterized in that] wherein the clock value transmitted by a portal comprises a correction for compensating for the processing time of the control window on transmission.